



PRECIOS EN PESOS

Precios del 16-nov-18	Moneda de cotización	TIREA	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio		Vencimiento
				Monto	%					Renta	Amortización	

BONOS DENOMINADOS EN DÓLARES - COTIZACIÓN EN PESOS ^(a)

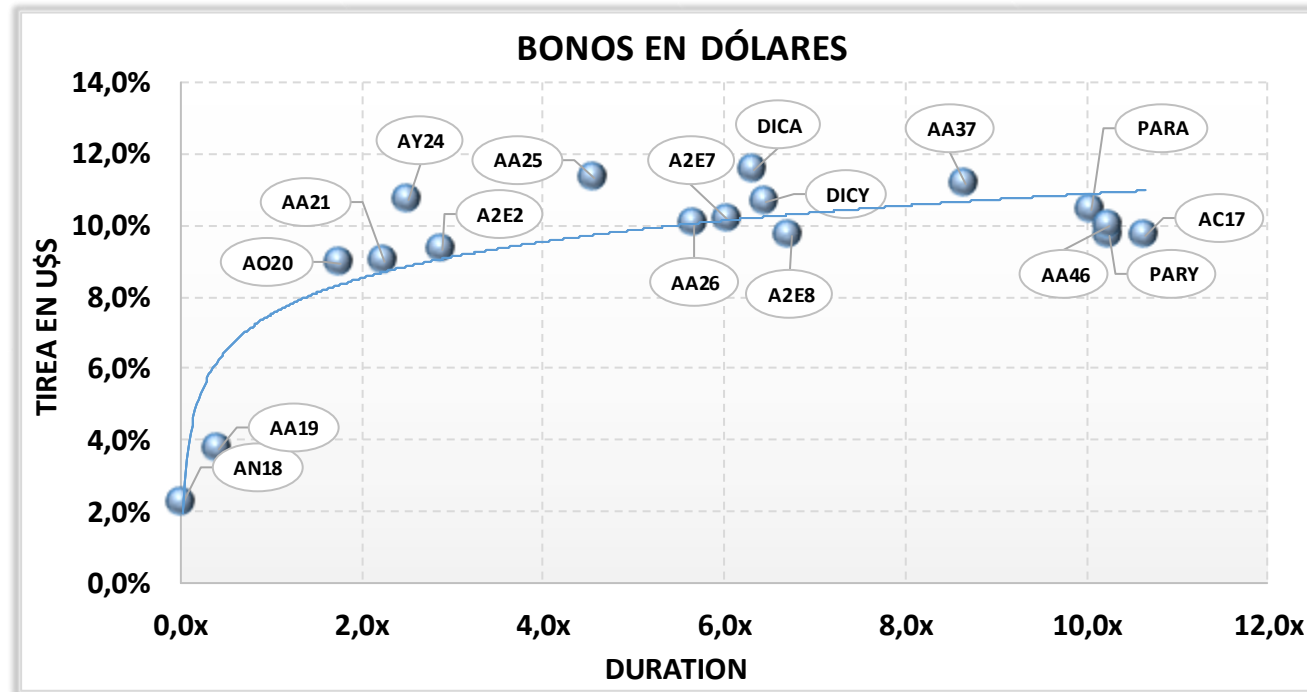
AN18	3.798,00	pesos	-35,24%	0,0x	100,00	100,00%	4,30	104,30	101,15%	9,000%	29-nov-2018	4,50	29-nov-2018	100,00	29-nov-2018
AA19	3.655,80	pesos	3,76%	0,4x	100,00	100,00%	0,50	100,50	101,04%	6,250%	22-abr-2019	3,13	22-abr-2019	100,00	22-abr-2019
A020	3.606,00	pesos	8,63%	1,8x	100,00	100,00%	0,96	100,96	99,22%	8,000%	8-abr-2019	4,00	8-oct-2020	100,00	8-oct-2020
AA21	3.474,00	pesos	8,96%	2,3x	100,00	100,00%	0,55	100,55	95,97%	6,875%	22-abr-2019	3,44	22-abr-2021	100,00	22-abr-2021
AY24	3.484,00	pesos	10,50%	2,5x	100,00	100,00%	0,34	100,34	96,45%	8,750%	7-may-2019	4,38	7-may-2019	16,66	7-may-2024
A2E2	3.333,00	pesos	9,21%	2,9x	100,00	100,00%	1,80	101,80	90,95%	5,625%	26-ene-2019	2,81	26-ene-2022	100,00	26-ene-2022
AA25	2.870,00	pesos	11,26%	4,6x	100,00	100,00%	0,53	100,53	79,30%	5,750%	18-abr-2019	2,88	18-abr-2023	33,00	18-abr-2025
AA26	3.189,60	pesos	10,05%	5,7x	100,00	100,00%	0,60	100,60	88,07%	7,500%	22-abr-2019	3,75	22-abr-2026	100,00	22-abr-2026
A2E7	3.085,00	pesos	10,09%	6,0x	100,00	100,00%	2,20	102,20	83,85%	6,875%	26-ene-2019	3,44	26-ene-2027	100,00	26-ene-2027
A2E8	2.890,00	pesos	9,72%	6,7x	100,00	100,00%	2,12	102,12	78,61%	5,875%	11-ene-2019	2,94	11-ene-2028	100,00	11-ene-2028
DICA	4.342,00	pesos	11,50%	6,3x	140,20	100,00%	4,55	144,75	83,32%	8,280%	31-dic-2018	5,80	30-jun-2024	7,01	31-dic-2033
DICY	4.545,00	pesos	10,71%	6,4x	140,20	100,00%	4,55	144,75	87,22%	8,280%	31-dic-2018	5,80	30-jun-2024	7,01	31-dic-2033
AA37	2.740,00	pesos	11,07%	8,7x	100,00	100,00%	0,70	100,70	75,58%	7,625%	18-abr-2019	3,81	18-abr-2035	33,00	18-abr-2037
PARA	1.900,00	pesos	10,43%	10,1x	100,00	100,00%	0,35	100,35	52,59%	2,500%	31-mar-2019	1,25	30-sep-2029	5,00	31-dic-2038
AA46	2.896,20	pesos	9,98%	10,2x	100,00	100,00%	0,61	100,61	79,96%	7,625%	22-abr-2019	3,81	22-abr-2046	100,00	22-abr-2046
AC17	2.825,00	pesos	9,63%	10,7x	100,00	100,00%	2,83	102,83	76,31%	7,125%	28-dic-2018	3,56	28-jun-2117	100,00	28-jun-2117

NOTAS Y ACLARACIONES:

Las cotizaciones corresponden a las de BCBA de plazo 48hs. Si no cotizó en ese mercado se toma el del MAE. Si no cotizó en ningún mercado se tome el último cierre.

Si una especie no cotizó en una de las monedas, se toma la cotización en la otra moneda corregida por el tipo de cambio BNA prom. C/V. Los cálculos de indicadores corresponden al 21.11.2018

(a) Tipo de cambio BNA Prom. C/V: **\$/u\$s 36,00** La TIR está expresada en u\$s.

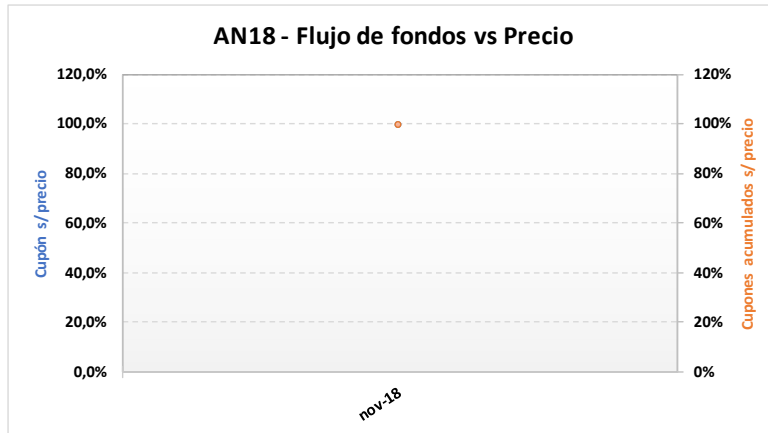




AN18 – Bonar 2018

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
16-nov-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
3.798,00	pesos	-35,24%	0,02x	100,00	100,00%	4,30	104,30	101,15%	9,000%	29-nov-2018	4,50	29-nov-2018	100,00	

Tipo de cambio simulado: 36,00

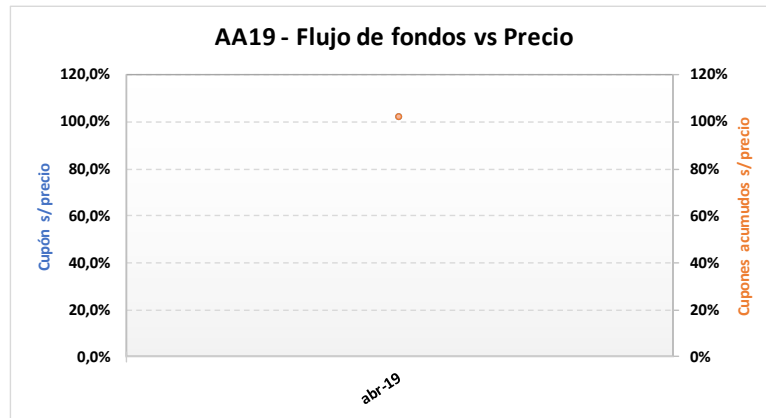


- AN18 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.797,75	3.797,80	3.797,85	3.797,90	3.797,95	3.798,00	3.798,05	3.798,10	3.798,15	3.798,20	3.798,25
TIPO DE CAMBIO SIMULADO	33,50	-97,57%	-97,57%	-97,57%	-97,57%	-97,57%	-97,57%	-97,57%	-97,58%	-97,58%	-97,58%	-97,58%
	33,75	-96,58%	-96,58%	-96,59%	-96,59%	-96,59%	-96,59%	-96,59%	-96,60%	-96,60%	-96,60%	-96,60%
	34,00	-95,21%	-95,22%	-95,22%	-95,22%	-95,23%	-95,23%	-95,23%	-95,24%	-95,24%	-95,24%	-95,24%
	34,25	-93,31%	-93,32%	-93,32%	-93,33%	-93,33%	-93,33%	-93,34%	-93,34%	-93,35%	-93,35%	-93,35%
	34,50	-90,68%	-90,69%	-90,69%	-90,70%	-90,71%	-90,71%	-90,72%	-90,72%	-90,73%	-90,73%	-90,74%
	34,75	-87,05%	-87,06%	-87,06%	-87,07%	-87,08%	-87,09%	-87,09%	-87,10%	-87,11%	-87,12%	-87,13%
	35,00	-82,04%	-82,05%	-82,06%	-82,07%	-82,08%	-82,09%	-82,10%	-82,11%	-82,12%	-82,13%	-82,14%
	35,25	-75,14%	-75,16%	-75,17%	-75,19%	-75,20%	-75,22%	-75,23%	-75,25%	-75,26%	-75,28%	-75,29%
	35,50	-65,69%	-65,71%	-65,73%	-65,75%	-65,77%	-65,79%	-65,81%	-65,83%	-65,85%	-65,87%	-65,89%
	35,75	-52,74%	-52,77%	-52,80%	-52,82%	-52,85%	-52,88%	-52,91%	-52,94%	-52,96%	-52,99%	-53,02%
	36,00	-35,05%	-35,09%	-35,13%	-35,17%	-35,20%	-35,24%	-35,28%	-35,32%	-35,36%	-35,40%	-35,44%
	36,25	-10,93%	-10,99%	-11,04%	-11,09%	-11,15%	-11,20%	-11,25%	-11,31%	-11,36%	-11,41%	-11,47%
	36,50	21,87%	21,80%	21,73%	21,65%	21,58%	21,51%	21,43%	21,36%	21,29%	21,21%	21,14%
	36,75	66,40%	66,30%	66,20%	66,10%	66,00%	65,90%	65,80%	65,70%	65,60%	65,50%	65,40%
	37,00	126,72%	126,59%	126,45%	126,31%	126,18%	126,04%	125,91%	125,77%	125,64%	125,50%	125,36%
	37,25	208,27%	208,08%	207,90%	207,71%	207,53%	207,34%	207,16%	206,97%	206,79%	206,60%	206,42%
	37,50	318,28%	318,03%	317,78%	317,53%	317,28%	317,03%	316,77%	316,52%	316,27%	316,02%	315,77%
	37,75	466,40%	466,06%	465,72%	465,38%	465,04%	464,71%	464,37%	464,03%	463,69%	463,35%	463,01%
	38,00	665,45%	664,99%	664,53%	664,07%	663,61%	663,15%	662,70%	662,24%	661,78%	661,32%	660,87%
	38,25	932,40%	931,78%	931,16%	930,54%	929,93%	929,31%	928,69%	928,07%	927,45%	926,84%	926,22%
	38,50	1289,75%	1288,91%	1288,08%	1287,25%	1286,41%	1285,58%	1284,75%	1283,92%	1283,09%	1282,25%	1281,42%

AA19 – Bono internacional de la Rep. Arg. En u\$s 6,25% - 2019

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
3.655,80	pesos	3,76%	0,42x	100,00	100,00%	0,50	100,50	101,04%	6,250%	22-abr-2019	3,13	22-abr-2019	100,00	22-abr-2019

Tipo de cambio simulado: 36,00



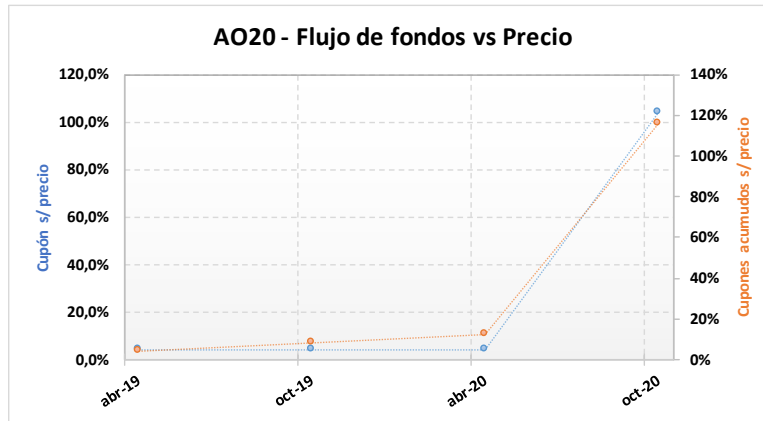
- AA19 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.651	3.652	3.653	3.654	3.655	3.655,80	3.657	3.658	3.659	3.660	3.661
TIPO DE CAMBIO SIMULADO	33,50	-12,43%	-12,49%	-12,54%	-12,60%	-12,66%	-12,70%	-12,77%	-12,83%	-12,89%	-12,95%	-13,00%
	33,75	-10,85%	-10,91%	-10,97%	-11,03%	-11,09%	-11,13%	-11,20%	-11,26%	-11,32%	-11,38%	-11,43%
	34,00	-9,26%	-9,32%	-9,38%	-9,44%	-9,50%	-9,54%	-9,61%	-9,67%	-9,73%	-9,79%	-9,85%
	34,25	-7,65%	-7,71%	-7,77%	-7,83%	-7,89%	-7,94%	-8,01%	-8,07%	-8,13%	-8,19%	-8,25%
	34,50	-6,02%	-6,08%	-6,14%	-6,21%	-6,27%	-6,32%	-6,39%	-6,45%	-6,51%	-6,57%	-6,64%
	34,75	-4,38%	-4,44%	-4,50%	-4,56%	-4,63%	-4,68%	-4,75%	-4,82%	-4,88%	-4,94%	-5,00%
	35,00	-2,72%	-2,78%	-2,84%	-2,91%	-2,97%	-3,02%	-3,10%	-3,16%	-3,23%	-3,29%	-3,35%
	35,25	-1,04%	-1,10%	-1,17%	-1,23%	-1,30%	-1,35%	-1,43%	-1,49%	-1,56%	-1,62%	-1,69%
	35,50	0,65%	0,59%	0,52%	0,46%	0,39%	0,34%	0,26%	0,19%	0,13%	0,06%	0,00%
	35,75	2,37%	2,30%	2,23%	2,16%	2,10%	2,04%	1,96%	1,90%	1,83%	1,76%	1,70%
	36,00	4,09%	4,02%	3,96%	3,89%	3,82%	3,76%	3,68%	3,62%	3,55%	3,48%	3,41%
	36,25	5,84%	5,77%	5,70%	5,63%	5,56%	5,50%	5,42%	5,35%	5,28%	5,21%	5,14%
	36,50	7,60%	7,53%	7,46%	7,39%	7,32%	7,26%	7,17%	7,10%	7,03%	6,96%	6,89%
	36,75	9,38%	9,30%	9,23%	9,16%	9,09%	9,03%	8,95%	8,87%	8,80%	8,73%	8,66%
	37,00	11,17%	11,10%	11,03%	10,95%	10,88%	10,82%	10,73%	10,66%	10,59%	10,52%	10,44%
	37,25	12,98%	12,91%	12,84%	12,76%	12,69%	12,63%	12,54%	12,47%	12,39%	12,32%	12,24%
	37,50	14,81%	14,74%	14,66%	14,59%	14,51%	14,45%	14,36%	14,29%	14,21%	14,14%	14,06%
	37,75	16,66%	16,58%	16,51%	16,43%	16,35%	16,29%	16,20%	16,12%	16,05%	15,97%	15,90%
	38,00	18,52%	18,45%	18,37%	18,29%	18,21%	18,15%	18,06%	17,98%	17,90%	17,83%	17,75%
	38,25	20,41%	20,33%	20,25%	20,17%	20,09%	20,03%	19,93%	19,85%	19,77%	19,70%	19,62%
	38,50	22,30%	22,22%	22,14%	22,06%	21,98%	21,92%	21,82%	21,74%	21,66%	21,58%	21,50%



AO20 – Bonar 2020

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
3.606,00	pesos	8,63%	1,77x	100,00	100,00%	0,96	100,96	99,22%	8,000%	8-abr-2019	4,00	8-oct-2020	100,00	8-oct-2020

Tipo de cambio simulado: 36,00

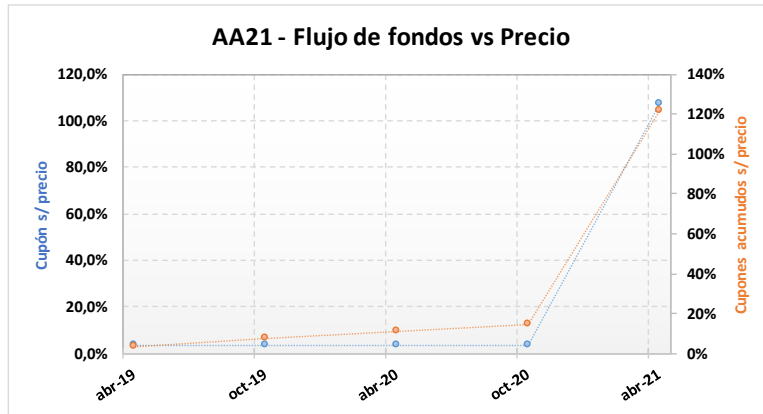


- AO20 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.530	3.545	3.560	3.575	3.590	3.606,00	3.620	3.635	3.650	3.665	3.680
TIPO DE CAMBIO SIMULADO	33,50	5,56%	5,31%	5,06%	4,81%	4,56%	4,30%	4,07%	3,83%	3,59%	3,35%	3,11%
	33,75	6,00%	5,75%	5,50%	5,25%	5,00%	4,74%	4,51%	4,27%	4,02%	3,78%	3,55%
	34,00	6,45%	6,19%	5,94%	5,69%	5,44%	5,18%	4,95%	4,70%	4,46%	4,22%	3,98%
	34,25	6,89%	6,63%	6,38%	6,13%	5,88%	5,61%	5,38%	5,13%	4,89%	4,65%	4,41%
	34,50	7,33%	7,07%	6,82%	6,56%	6,31%	6,05%	5,81%	5,57%	5,32%	5,08%	4,84%
	34,75	7,77%	7,51%	7,25%	7,00%	6,75%	6,48%	6,25%	6,00%	5,75%	5,51%	5,26%
	35,00	8,20%	7,95%	7,69%	7,43%	7,18%	6,91%	6,68%	6,43%	6,18%	5,94%	5,69%
	35,25	8,64%	8,38%	8,12%	7,87%	7,61%	7,34%	7,11%	6,86%	6,61%	6,36%	6,12%
	35,50	9,08%	8,81%	8,56%	8,30%	8,04%	7,77%	7,53%	7,28%	7,03%	6,79%	6,54%
	35,75	9,51%	9,25%	8,99%	8,73%	8,47%	8,20%	7,96%	7,71%	7,46%	7,21%	6,96%
	36,00	9,94%	9,68%	9,42%	9,16%	8,90%	8,63%	8,39%	8,13%	7,88%	7,63%	7,39%
	36,25	10,37%	10,11%	9,85%	9,59%	9,33%	9,05%	8,81%	8,56%	8,31%	8,06%	7,81%
	36,50	10,80%	10,54%	10,27%	10,01%	9,75%	9,48%	9,24%	8,98%	8,73%	8,48%	8,23%
	36,75	11,23%	10,97%	10,70%	10,44%	10,18%	9,90%	9,66%	9,40%	9,15%	8,90%	8,64%
	37,00	11,66%	11,39%	11,13%	10,86%	10,60%	10,32%	10,08%	9,82%	9,57%	9,31%	9,06%
	37,25	12,09%	11,82%	11,55%	11,29%	11,02%	10,74%	10,50%	10,24%	9,99%	9,73%	9,48%
	37,50	12,51%	12,24%	11,97%	11,71%	11,44%	11,16%	10,92%	10,66%	10,40%	10,15%	9,89%
	37,75	12,94%	12,67%	12,40%	12,13%	11,86%	11,58%	11,34%	11,08%	10,82%	10,56%	10,31%
	38,00	13,36%	13,09%	12,82%	12,55%	12,28%	12,00%	11,76%	11,49%	11,23%	10,98%	10,72%
	38,25	13,78%	13,51%	13,24%	12,97%	12,70%	12,42%	12,17%	11,91%	11,65%	11,39%	11,13%
	38,50	14,20%	13,93%	13,66%	13,39%	13,12%	12,83%	12,59%	12,32%	12,06%	11,80%	11,54%

AA21 – Bono internacional de la Rep. Arg. en u\$s 6,875% - 2021

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
3.474,00	pesos	8,96%	2,25x	100,00	100,00%	0,55	100,55	95,97%	6,875%	22-abr-2019	3,44	22-abr-2021	100,00	22-abr-2021

Tipo de cambio simulado: 36,00

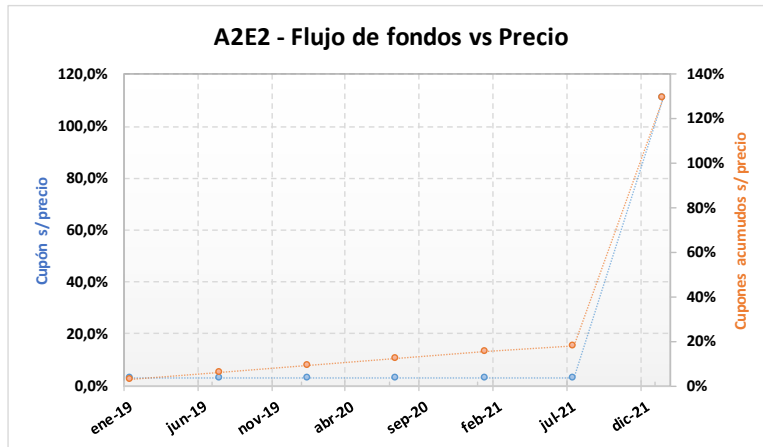


- AA21- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.400	3.415	3.430	3.445	3.460	3.474,00	3.490	3.505	3.520	3.535	3.550
TIPO DE CAMBIO SIMULADO	33,50	6,55%	6,34%	6,14%	5,93%	5,73%	5,54%	5,33%	5,13%	4,93%	4,73%	4,54%
	33,75	6,90%	6,69%	6,49%	6,28%	6,08%	5,89%	5,67%	5,47%	5,27%	5,08%	4,88%
	34,00	7,25%	7,04%	6,84%	6,63%	6,43%	6,24%	6,02%	5,82%	5,62%	5,42%	5,22%
	34,25	7,60%	7,39%	7,18%	6,98%	6,77%	6,58%	6,36%	6,16%	5,96%	5,76%	5,56%
	34,50	7,95%	7,74%	7,53%	7,32%	7,12%	6,92%	6,71%	6,50%	6,30%	6,10%	5,90%
	34,75	8,29%	8,08%	7,87%	7,67%	7,46%	7,27%	7,05%	6,85%	6,64%	6,44%	6,24%
	35,00	8,64%	8,43%	8,22%	8,01%	7,80%	7,61%	7,39%	7,18%	6,98%	6,78%	6,58%
	35,25	8,98%	8,77%	8,56%	8,35%	8,14%	7,95%	7,73%	7,52%	7,32%	7,12%	6,92%
	35,50	9,33%	9,11%	8,90%	8,69%	8,48%	8,29%	8,07%	7,86%	7,66%	7,45%	7,25%
	35,75	9,67%	9,45%	9,24%	9,03%	8,82%	8,62%	8,40%	8,20%	7,99%	7,79%	7,59%
	36,00	10,01%	9,79%	9,58%	9,37%	9,16%	8,96%	8,74%	8,53%	8,33%	8,12%	7,92%
	36,25	10,34%	10,13%	9,91%	9,70%	9,49%	9,29%	9,07%	8,86%	8,66%	8,45%	8,25%
	36,50	10,68%	10,47%	10,25%	10,04%	9,83%	9,63%	9,41%	9,20%	8,99%	8,79%	8,58%
	36,75	11,02%	10,80%	10,59%	10,37%	10,16%	9,96%	9,74%	9,53%	9,32%	9,12%	8,91%
	37,00	11,35%	11,14%	10,92%	10,70%	10,49%	10,29%	10,07%	9,86%	9,65%	9,44%	9,24%
	37,25	11,69%	11,47%	11,25%	11,04%	10,82%	10,62%	10,40%	10,19%	9,98%	9,77%	9,57%
	37,50	12,02%	11,80%	11,58%	11,37%	11,15%	10,95%	10,73%	10,52%	10,31%	10,10%	9,89%
	37,75	12,35%	12,13%	11,91%	11,70%	11,48%	11,28%	11,05%	10,84%	10,63%	10,42%	10,22%
	38,00	12,68%	12,46%	12,24%	12,02%	11,81%	11,61%	11,38%	11,17%	10,96%	10,75%	10,54%
	38,25	13,01%	12,79%	12,57%	12,35%	12,14%	11,93%	11,71%	11,49%	11,28%	11,07%	10,86%
	38,50	13,34%	13,12%	12,90%	12,68%	12,46%	12,26%	12,03%	11,82%	11,60%	11,39%	11,18%

A2E2 – Bonar 2022 (Ley NY)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
3.333,00	pesos	9,21%	2,89x	100,00	100,00%	1,80	101,80	90,95%	5,625%	26-ene-2019	2,81	26-ene-2022	100,00	26-ene-2022

Tipo de cambio simulado: 36,00

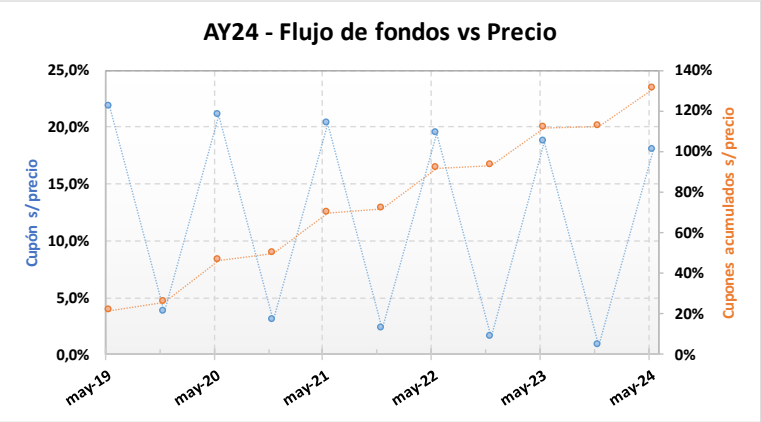


-A2E2- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.080	3.130	3.180	3.230	3.280	3.333,00	3.380	3.430	3.480	3.530	3.580
TIPO DE CAMBIO SIMULADO	33,50	9,47%	8,87%	8,27%	7,69%	7,12%	6,53%	6,02%	5,49%	4,96%	4,45%	3,95%
	33,75	9,76%	9,15%	8,55%	7,97%	7,40%	6,80%	6,29%	5,76%	5,23%	4,72%	4,21%
	34,00	10,04%	9,43%	8,83%	8,24%	7,67%	7,08%	6,56%	6,02%	5,50%	4,98%	4,48%
	34,25	10,32%	9,70%	9,10%	8,52%	7,94%	7,35%	6,83%	6,29%	5,76%	5,25%	4,74%
	34,50	10,60%	9,98%	9,38%	8,79%	8,21%	7,62%	7,10%	6,56%	6,03%	5,51%	5,00%
	34,75	10,87%	10,26%	9,65%	9,06%	8,48%	7,89%	7,37%	6,82%	6,29%	5,77%	5,26%
	35,00	11,15%	10,53%	9,93%	9,33%	8,75%	8,15%	7,63%	7,09%	6,56%	6,03%	5,52%
	35,25	11,42%	10,80%	10,20%	9,60%	9,02%	8,42%	7,90%	7,35%	6,82%	6,29%	5,78%
	35,50	11,70%	11,08%	10,47%	9,87%	9,29%	8,68%	8,16%	7,61%	7,08%	6,55%	6,04%
	35,75	11,97%	11,35%	10,74%	10,14%	9,55%	8,95%	8,42%	7,87%	7,34%	6,81%	6,29%
	36,00	12,24%	11,62%	11,00%	10,40%	9,82%	9,21%	8,68%	8,13%	7,60%	7,07%	6,55%
	36,25	12,51%	11,89%	11,27%	10,67%	10,08%	9,47%	8,94%	8,39%	7,85%	7,32%	6,80%
	36,50	12,78%	12,15%	11,54%	10,93%	10,34%	9,73%	9,20%	8,65%	8,11%	7,58%	7,06%
	36,75	13,05%	12,42%	11,80%	11,20%	10,61%	9,99%	9,46%	8,91%	8,36%	7,83%	7,31%
	37,00	13,32%	12,69%	12,07%	11,46%	10,87%	10,25%	9,72%	9,16%	8,62%	8,08%	7,56%
	37,25	13,59%	12,95%	12,33%	11,72%	11,13%	10,51%	9,97%	9,42%	8,87%	8,34%	7,81%
	37,50	13,85%	13,21%	12,59%	11,98%	11,38%	10,77%	10,23%	9,67%	9,12%	8,59%	8,06%
	37,75	14,12%	13,48%	12,85%	12,24%	11,64%	11,02%	10,48%	9,92%	9,37%	8,84%	8,31%
	38,00	14,38%	13,74%	13,11%	12,50%	11,90%	11,28%	10,74%	10,18%	9,62%	9,08%	8,56%
	38,25	14,64%	14,00%	13,37%	12,75%	12,15%	11,53%	10,99%	10,43%	9,87%	9,33%	8,80%
	38,50	14,90%	14,26%	13,63%	13,01%	12,41%	11,78%	11,24%	10,68%	10,12%	9,58%	9,05%

AY24 – Bonar 2024

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
3.484,00	pesos	10,50%	2,53x	100,00	100,00%	0,34	100,34	96,45%	8,750%	7-may-2019	4,38	7-may-2019	16,66	7-may-2024

Tipo de cambio simulado: 36,00

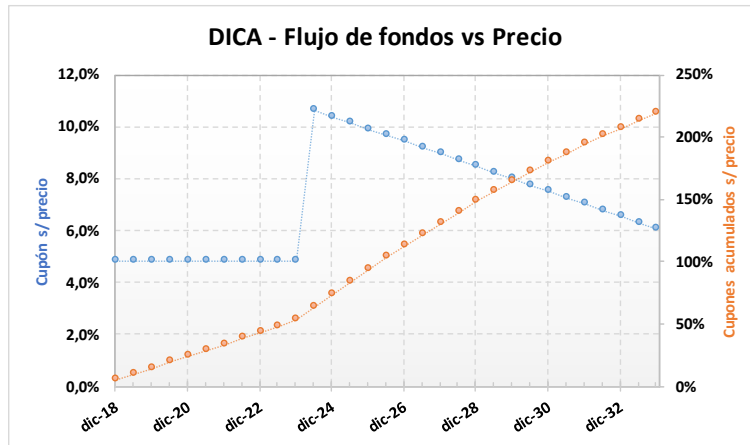


- AY24 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.410	3.425	3.440	3.455	3.470	3.484,00	3.500	3.515	3.530	3.545	3.560
TIPO DE CAMBIO SIMULADO	33,50	8,34%	8,15%	7,97%	7,79%	7,61%	7,44%	7,25%	7,08%	6,90%	6,73%	6,56%
	33,75	8,65%	8,46%	8,28%	8,10%	7,92%	7,75%	7,56%	7,38%	7,21%	7,03%	6,86%
	34,00	8,96%	8,77%	8,59%	8,41%	8,23%	8,06%	7,87%	7,69%	7,51%	7,34%	7,16%
	34,25	9,27%	9,09%	8,90%	8,72%	8,53%	8,36%	8,17%	7,99%	7,82%	7,64%	7,46%
	34,50	9,59%	9,40%	9,21%	9,02%	8,84%	8,67%	8,48%	8,30%	8,12%	7,94%	7,77%
	34,75	9,90%	9,71%	9,52%	9,33%	9,15%	8,98%	8,78%	8,60%	8,42%	8,24%	8,07%
	35,00	10,21%	10,02%	9,83%	9,64%	9,45%	9,28%	9,09%	8,90%	8,72%	8,54%	8,37%
	35,25	10,52%	10,33%	10,14%	9,95%	9,76%	9,59%	9,39%	9,21%	9,03%	8,85%	8,67%
	35,50	10,83%	10,64%	10,44%	10,25%	10,07%	9,89%	9,69%	9,51%	9,33%	9,15%	8,97%
	35,75	11,14%	10,94%	10,75%	10,56%	10,37%	10,20%	10,00%	9,81%	9,63%	9,45%	9,27%
	36,00	11,45%	11,25%	11,06%	10,87%	10,68%	10,50%	10,30%	10,11%	9,93%	9,75%	9,56%
	36,25	11,76%	11,56%	11,37%	11,17%	10,98%	10,80%	10,60%	10,42%	10,23%	10,05%	9,86%
	36,50	12,07%	11,87%	11,67%	11,48%	11,29%	11,11%	10,90%	10,72%	10,53%	10,34%	10,16%
	36,75	12,37%	12,17%	11,98%	11,78%	11,59%	11,41%	11,21%	11,02%	10,83%	10,64%	10,46%
	37,00	12,68%	12,48%	12,28%	12,09%	11,89%	11,71%	11,51%	11,32%	11,13%	10,94%	10,76%
	37,25	12,99%	12,79%	12,59%	12,39%	12,20%	12,01%	11,81%	11,62%	11,43%	11,24%	11,05%
	37,50	13,30%	13,09%	12,89%	12,70%	12,50%	12,32%	12,11%	11,92%	11,73%	11,54%	11,35%
	37,75	13,60%	13,40%	13,20%	13,00%	12,80%	12,62%	12,41%	12,22%	12,02%	11,83%	11,64%
	38,00	13,91%	13,71%	13,50%	13,30%	13,10%	12,92%	12,71%	12,52%	12,32%	12,13%	11,94%
	38,25	14,22%	14,01%	13,81%	13,61%	13,41%	13,22%	13,01%	12,81%	12,62%	12,43%	12,24%
	38,50	14,52%	14,32%	14,11%	13,91%	13,71%	13,52%	13,31%	13,11%	12,92%	12,72%	12,53%

DICA – Bono Discount en dólares (ley argentina)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
4.342,00	pesos	11,50%	6,33x	140,20	100,00%	4,55	144,75	83,32%	8,280%	31-dic-2018	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: 36,00

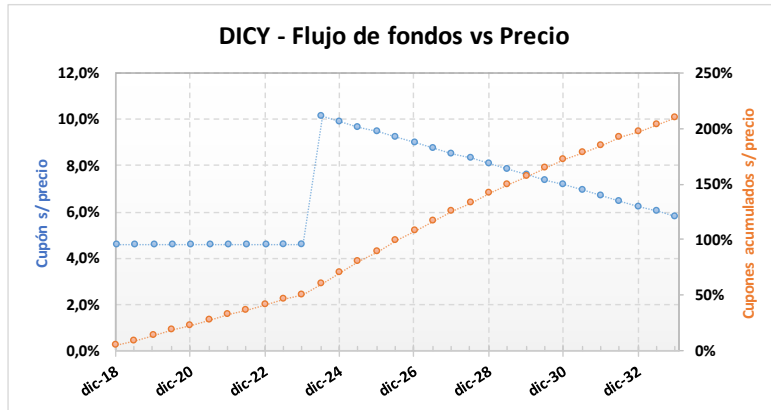


- DICA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		4.090	4.140	4.190	4.240	4.290	4.342,00	4.390	4.440	4.490	4.540	4.590
TIPO DE CAMBIO SIMULADO	33,50	11,29%	11,08%	10,87%	10,66%	10,46%	10,26%	10,07%	9,88%	9,70%	9,51%	9,33%
	33,75	11,42%	11,21%	11,00%	10,79%	10,59%	10,39%	10,20%	10,01%	9,82%	9,64%	9,46%
	34,00	11,55%	11,33%	11,13%	10,92%	10,72%	10,51%	10,32%	10,13%	9,94%	9,76%	9,58%
	34,25	11,68%	11,46%	11,25%	11,05%	10,84%	10,64%	10,45%	10,26%	10,07%	9,88%	9,70%
	34,50	11,81%	11,59%	11,38%	11,17%	10,97%	10,76%	10,57%	10,38%	10,19%	10,00%	9,82%
	34,75	11,94%	11,72%	11,51%	11,30%	11,09%	10,89%	10,70%	10,50%	10,31%	10,13%	9,94%
	35,00	12,06%	11,85%	11,63%	11,42%	11,22%	11,01%	10,82%	10,63%	10,43%	10,25%	10,06%
	35,25	12,19%	11,97%	11,76%	11,55%	11,34%	11,13%	10,94%	10,75%	10,56%	10,37%	10,18%
	35,50	12,32%	12,10%	11,89%	11,67%	11,47%	11,26%	11,07%	10,87%	10,68%	10,49%	10,30%
	35,75	12,45%	12,23%	12,01%	11,80%	11,59%	11,38%	11,19%	10,99%	10,80%	10,61%	10,42%
	36,00	12,57%	12,35%	12,14%	11,92%	11,71%	11,50%	11,31%	11,11%	10,92%	10,73%	10,54%
	36,25	12,70%	12,48%	12,26%	12,05%	11,84%	11,62%	11,43%	11,23%	11,04%	10,85%	10,66%
	36,50	12,82%	12,60%	12,38%	12,17%	11,96%	11,75%	11,55%	11,35%	11,16%	10,96%	10,78%
	36,75	12,95%	12,73%	12,51%	12,29%	12,08%	11,87%	11,67%	11,47%	11,28%	11,08%	10,89%
	37,00	13,08%	12,85%	12,63%	12,42%	12,20%	11,99%	11,79%	11,59%	11,39%	11,20%	11,01%
	37,25	13,20%	12,98%	12,75%	12,54%	12,33%	12,11%	11,91%	11,71%	11,51%	11,32%	11,13%
	37,50	13,33%	13,10%	12,88%	12,66%	12,45%	12,23%	12,03%	11,83%	11,63%	11,44%	11,24%
	37,75	13,45%	13,22%	13,00%	12,78%	12,57%	12,35%	12,15%	11,95%	11,75%	11,55%	11,36%
	38,00	13,57%	13,35%	13,12%	12,90%	12,69%	12,47%	12,27%	12,07%	11,87%	11,67%	11,48%
	38,25	13,70%	13,47%	13,24%	13,02%	12,81%	12,59%	12,39%	12,18%	11,98%	11,79%	11,59%
	38,50	13,82%	13,59%	13,37%	13,14%	12,93%	12,71%	12,51%	12,30%	12,10%	11,90%	11,71%

DICY – Bono Discount en dólares (ley New York)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
4.545,00	pesos	10,71%	6,45x	140,20	100,00%	4,55	144,75	87,22%	8,280%	31-dic-2018	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: **36,00**

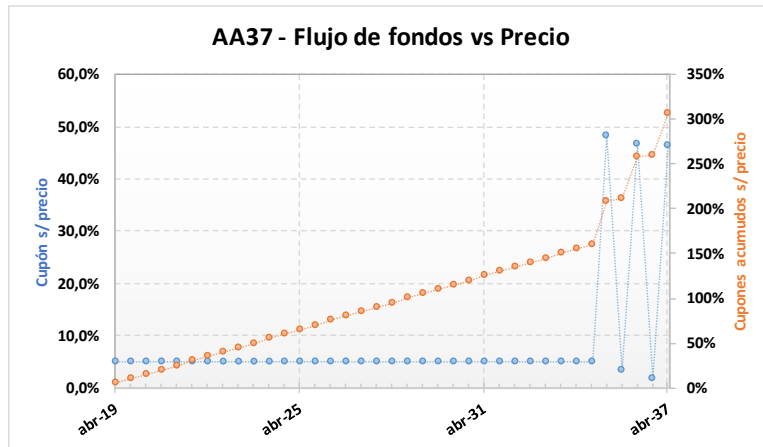


- DICY - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		4.300	4.350	4.400	4.450	4.500	4.545,00	4.600	4.650	4.700	4.750	4.800
TIPO DE CAMBIO SIMULADO	33,50	10,42%	10,23%	10,04%	9,85%	9,66%	9,50%	9,30%	9,12%	8,95%	8,78%	8,61%
	33,75	10,55%	10,35%	10,16%	9,97%	9,78%	9,62%	9,42%	9,24%	9,07%	8,90%	8,73%
	34,00	10,68%	10,48%	10,29%	10,10%	9,91%	9,74%	9,54%	9,36%	9,19%	9,02%	8,85%
	34,25	10,80%	10,61%	10,41%	10,22%	10,03%	9,86%	9,66%	9,48%	9,31%	9,13%	8,96%
	34,50	10,93%	10,73%	10,53%	10,34%	10,15%	9,99%	9,78%	9,60%	9,43%	9,25%	9,08%
	34,75	11,05%	10,85%	10,66%	10,46%	10,27%	10,11%	9,90%	9,72%	9,55%	9,37%	9,20%
	35,00	11,18%	10,98%	10,78%	10,59%	10,40%	10,23%	10,03%	9,84%	9,67%	9,49%	9,32%
	35,25	11,30%	11,10%	10,90%	10,71%	10,52%	10,35%	10,14%	9,96%	9,78%	9,61%	9,44%
	35,50	11,43%	11,22%	11,03%	10,83%	10,64%	10,47%	10,26%	10,08%	9,90%	9,73%	9,55%
	35,75	11,55%	11,35%	11,15%	10,95%	10,76%	10,59%	10,38%	10,20%	10,02%	9,84%	9,67%
	36,00	11,67%	11,47%	11,27%	11,07%	10,88%	10,71%	10,50%	10,32%	10,14%	9,96%	9,78%
	36,25	11,80%	11,59%	11,39%	11,19%	11,00%	10,83%	10,62%	10,44%	10,25%	10,08%	9,90%
	36,50	11,92%	11,71%	11,51%	11,31%	11,12%	10,95%	10,74%	10,55%	10,37%	10,19%	10,02%
	36,75	12,04%	11,83%	11,63%	11,43%	11,24%	11,06%	10,86%	10,67%	10,49%	10,31%	10,13%
	37,00	12,16%	11,96%	11,75%	11,55%	11,36%	11,18%	10,97%	10,79%	10,60%	10,42%	10,24%
	37,25	12,28%	12,08%	11,87%	11,67%	11,47%	11,30%	11,09%	10,90%	10,72%	10,54%	10,36%
	37,50	12,40%	12,20%	11,99%	11,79%	11,59%	11,42%	11,21%	11,02%	10,83%	10,65%	10,47%
	37,75	12,53%	12,32%	12,11%	11,91%	11,71%	11,53%	11,32%	11,13%	10,95%	10,77%	10,59%
	38,00	12,65%	12,44%	12,23%	12,03%	11,83%	11,65%	11,44%	11,25%	11,06%	10,88%	10,70%
	38,25	12,77%	12,55%	12,35%	12,14%	11,94%	11,77%	11,55%	11,36%	11,18%	10,99%	10,81%
	38,50	12,89%	12,67%	12,46%	12,26%	12,06%	11,88%	11,67%	11,48%	11,29%	11,11%	10,92%

AA37 – Bonos de la Nación Argentina en U\$S 7.625% - VTO. 2037

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
2.740,00	pesos	11,07%	8,70x	100,00	100,00%	0,70	100,70	75,58%	7,625%	18-abr-2019	3,81	18-abr-2035	33,00	18-abr-2037

Tipo de cambio simulado: 36,00

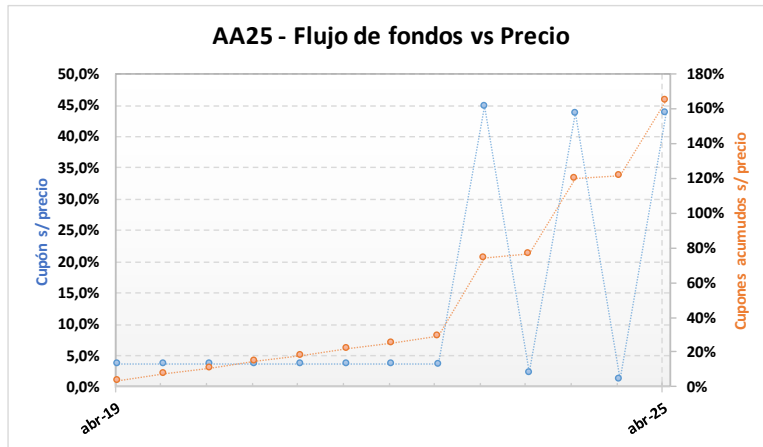


- AA37- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.490	2.540	2.590	2.640	2.690	2.740,00	2.790	2.840	2.890	2.940	2.990
TIPO DE CAMBIO SIMULADO	33,50	11,37%	11,12%	10,87%	10,63%	10,40%	10,17%	9,95%	9,74%	9,53%	9,32%	9,13%
	33,75	11,47%	11,21%	10,96%	10,72%	10,49%	10,26%	10,04%	9,82%	9,62%	9,41%	9,21%
	34,00	11,57%	11,31%	11,06%	10,82%	10,58%	10,35%	10,13%	9,91%	9,70%	9,50%	9,30%
	34,25	11,66%	11,40%	11,15%	10,91%	10,67%	10,44%	10,22%	10,00%	9,79%	9,59%	9,39%
	34,50	11,76%	11,50%	11,24%	11,00%	10,76%	10,53%	10,31%	10,09%	9,88%	9,67%	9,47%
	34,75	11,85%	11,59%	11,34%	11,09%	10,85%	10,62%	10,40%	10,18%	9,97%	9,76%	9,56%
	35,00	11,95%	11,69%	11,43%	11,18%	10,94%	10,71%	10,49%	10,27%	10,05%	9,85%	9,64%
	35,25	12,04%	11,78%	11,52%	11,28%	11,04%	10,80%	10,57%	10,35%	10,14%	9,93%	9,73%
	35,50	12,14%	11,87%	11,62%	11,37%	11,13%	10,89%	10,66%	10,44%	10,23%	10,02%	9,81%
	35,75	12,23%	11,97%	11,71%	11,46%	11,22%	10,98%	10,75%	10,53%	10,31%	10,10%	9,90%
	36,00	12,33%	12,06%	11,80%	11,55%	11,31%	11,07%	10,84%	10,62%	10,40%	10,19%	9,98%
	36,25	12,42%	12,15%	11,89%	11,64%	11,39%	11,16%	10,93%	10,70%	10,48%	10,27%	10,07%
	36,50	12,52%	12,25%	11,98%	11,73%	11,48%	11,25%	11,01%	10,79%	10,57%	10,36%	10,15%
	36,75	12,61%	12,34%	12,07%	11,82%	11,57%	11,33%	11,10%	10,88%	10,66%	10,44%	10,23%
	37,00	12,70%	12,43%	12,17%	11,91%	11,66%	11,42%	11,19%	10,96%	10,74%	10,53%	10,32%
	37,25	12,80%	12,52%	12,26%	12,00%	11,75%	11,51%	11,27%	11,05%	10,83%	10,61%	10,40%
	37,50	12,89%	12,61%	12,35%	12,09%	11,84%	11,60%	11,36%	11,13%	10,91%	10,69%	10,48%
	37,75	12,98%	12,71%	12,44%	12,18%	11,93%	11,68%	11,45%	11,22%	10,99%	10,78%	10,57%
	38,00	13,07%	12,80%	12,53%	12,27%	12,02%	11,77%	11,53%	11,30%	11,08%	10,86%	10,65%
	38,25	13,17%	12,89%	12,62%	12,36%	12,10%	11,86%	11,62%	11,39%	11,16%	10,94%	10,73%
	38,50	13,26%	12,98%	12,71%	12,45%	12,19%	11,94%	11,70%	11,47%	11,25%	11,03%	10,81%

AA25 – Bonos de la Nación Argentina en U\$S 5.75% - VTO. 2025

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
16-nov-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
2.870,00	pesos	11,26%	4,56x	100,00	100,00%	0,53	100,53	79,30%	5,750%	18-abr-2019	2,88	18-abr-2023	33,00	

Tipo de cambio simulado: 36,00

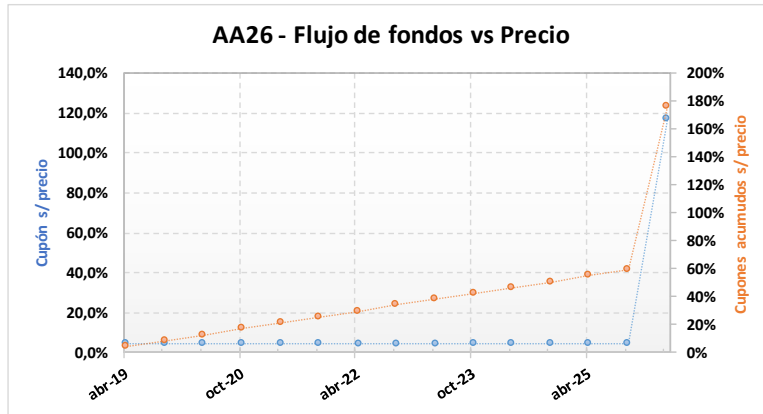


- AA25- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.620	2.670	2.720	2.770	2.820	2.870,00	2.920	2.970	3.020	3.070	3.120
TIPO DE CAMBIO SIMULADO	33,50	11,73%	11,27%	10,82%	10,38%	9,95%	9,53%	9,12%	8,72%	8,33%	7,95%	7,57%
	33,75	11,92%	11,45%	11,00%	10,56%	10,13%	9,71%	9,30%	8,90%	8,50%	8,12%	7,75%
	34,00	12,10%	11,63%	11,18%	10,74%	10,31%	9,88%	9,47%	9,07%	8,68%	8,29%	7,92%
	34,25	12,28%	11,81%	11,36%	10,92%	10,48%	10,06%	9,65%	9,24%	8,85%	8,46%	8,09%
	34,50	12,46%	11,99%	11,54%	11,09%	10,66%	10,23%	9,82%	9,42%	9,02%	8,63%	8,26%
	34,75	12,64%	12,17%	11,71%	11,27%	10,83%	10,41%	9,99%	9,59%	9,19%	8,80%	8,43%
	35,00	12,82%	12,35%	11,89%	11,44%	11,01%	10,58%	10,17%	9,76%	9,36%	8,97%	8,59%
	35,25	12,99%	12,52%	12,06%	11,62%	11,18%	10,75%	10,34%	9,93%	9,53%	9,14%	8,76%
	35,50	13,17%	12,70%	12,24%	11,79%	11,35%	10,92%	10,51%	10,10%	9,70%	9,31%	8,93%
	35,75	13,35%	12,87%	12,41%	11,96%	11,52%	11,09%	10,68%	10,27%	9,87%	9,48%	9,09%
	36,00	13,52%	13,05%	12,59%	12,13%	11,69%	11,26%	10,84%	10,43%	10,03%	9,64%	9,26%
	36,25	13,70%	13,22%	12,76%	12,31%	11,86%	11,43%	11,01%	10,60%	10,20%	9,81%	9,42%
	36,50	13,87%	13,39%	12,93%	12,48%	12,03%	11,60%	11,18%	10,77%	10,36%	9,97%	9,58%
	36,75	14,04%	13,57%	13,10%	12,65%	12,20%	11,77%	11,35%	10,93%	10,53%	10,13%	9,75%
	37,00	14,22%	13,74%	13,27%	12,81%	12,37%	11,94%	11,51%	11,10%	10,69%	10,30%	9,91%
	37,25	14,39%	13,91%	13,44%	12,98%	12,54%	12,10%	11,68%	11,26%	10,86%	10,46%	10,07%
	37,50	14,56%	14,08%	13,61%	13,15%	12,70%	12,27%	11,84%	11,42%	11,02%	10,62%	10,23%
	37,75	14,73%	14,25%	13,78%	13,32%	12,87%	12,43%	12,00%	11,59%	11,18%	10,78%	10,39%
	38,00	14,90%	14,41%	13,94%	13,48%	13,03%	12,60%	12,17%	11,75%	11,34%	10,94%	10,55%
	38,25	15,07%	14,58%	14,11%	13,65%	13,20%	12,76%	12,33%	11,91%	11,50%	11,10%	10,71%
	38,50	15,23%	14,75%	14,27%	13,81%	13,36%	12,92%	12,49%	12,07%	11,66%	11,26%	10,87%

AA26 – Bono internacional de la Rep. Arg. en u\$s 7.5% - 2026

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
3.189,60	pesos	10,05%	5,66x	100,00	100,00%	0,60	100,60	88,07%	7,500%	22-abr-2019	3,75	22-abr-2026	100,00	22-abr-2026

Tipo de cambio simulado: 36,00



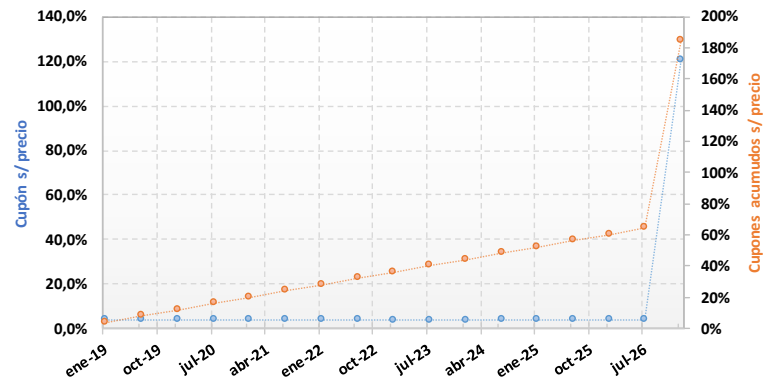
- AA26- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.065	3.090	3.115	3.140	3.165	3.189,60	3.215	3.240	3.265	3.290	3.315
TIPO DE CAMBIO SIMULADO	33,50	9,43%	9,27%	9,12%	8,97%	8,82%	8,67%	8,52%	8,37%	8,23%	8,09%	7,94%
	33,75	9,57%	9,42%	9,26%	9,11%	8,96%	8,81%	8,66%	8,51%	8,37%	8,23%	8,08%
	34,00	9,72%	9,56%	9,40%	9,25%	9,10%	8,95%	8,80%	8,65%	8,51%	8,36%	8,22%
	34,25	9,86%	9,70%	9,54%	9,39%	9,24%	9,09%	8,94%	8,79%	8,65%	8,50%	8,36%
	34,50	10,00%	9,84%	9,69%	9,53%	9,38%	9,23%	9,08%	8,93%	8,78%	8,64%	8,50%
	34,75	10,14%	9,98%	9,82%	9,67%	9,52%	9,37%	9,22%	9,07%	8,92%	8,78%	8,63%
	35,00	10,28%	10,12%	9,96%	9,81%	9,66%	9,51%	9,35%	9,21%	9,06%	8,91%	8,77%
	35,25	10,42%	10,26%	10,10%	9,95%	9,79%	9,64%	9,49%	9,34%	9,19%	9,05%	8,90%
	35,50	10,56%	10,40%	10,24%	10,08%	9,93%	9,78%	9,63%	9,48%	9,33%	9,18%	9,04%
	35,75	10,69%	10,53%	10,38%	10,22%	10,07%	9,92%	9,76%	9,61%	9,46%	9,32%	9,17%
	36,00	10,83%	10,67%	10,51%	10,36%	10,20%	10,05%	9,90%	9,75%	9,60%	9,45%	9,31%
	36,25	10,97%	10,81%	10,65%	10,49%	10,34%	10,19%	10,03%	9,88%	9,73%	9,59%	9,44%
	36,50	11,10%	10,94%	10,78%	10,63%	10,47%	10,32%	10,16%	10,01%	9,87%	9,72%	9,57%
	36,75	11,24%	11,08%	10,92%	10,76%	10,60%	10,45%	10,30%	10,15%	10,00%	9,85%	9,70%
	37,00	11,37%	11,21%	11,05%	10,89%	10,74%	10,59%	10,43%	10,28%	10,13%	9,98%	9,83%
	37,25	11,51%	11,35%	11,19%	11,03%	10,87%	10,72%	10,56%	10,41%	10,26%	10,11%	9,96%
	37,50	11,64%	11,48%	11,32%	11,16%	11,00%	10,85%	10,69%	10,54%	10,39%	10,24%	10,09%
	37,75	11,77%	11,61%	11,45%	11,29%	11,13%	10,98%	10,82%	10,67%	10,52%	10,37%	10,22%
	38,00	11,91%	11,74%	11,58%	11,42%	11,27%	11,11%	10,95%	10,80%	10,65%	10,50%	10,35%
	38,25	12,04%	11,88%	11,71%	11,55%	11,40%	11,24%	11,08%	10,93%	10,78%	10,63%	10,48%
	38,50	12,17%	12,01%	11,84%	11,68%	11,53%	11,37%	11,21%	11,06%	10,91%	10,76%	10,61%

A2E7 – Bonar 2027 (Ley NY)

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
16-nov-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
3.085,00	pesos	10,09%	6,04x	100,00	100,00%	2,20	102,20	83,85%	6,875%	26-ene-2019	3,44	26-ene-2027	100,00	26-ene-2027

Tipo de cambio simulado: 36,00

A2E7 - Flujo de fondos vs Precio

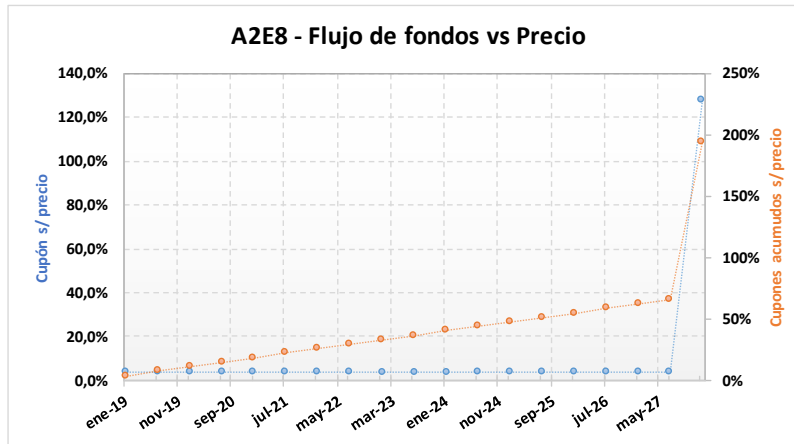


-A2E7- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.835	2.885	2.935	2.985	3.035	3.085,00	3.135	3.185	3.235	3.285	3.335
TIPO DE CAMBIO SIMULADO	33,50	10,32%	10,00%	9,69%	9,39%	9,09%	8,80%	8,52%	8,24%	7,96%	7,70%	7,44%
	33,75	10,46%	10,14%	9,83%	9,52%	9,22%	8,93%	8,65%	8,37%	8,09%	7,83%	7,56%
	34,00	10,59%	10,27%	9,96%	9,65%	9,36%	9,06%	8,78%	8,50%	8,22%	7,96%	7,69%
	34,25	10,73%	10,41%	10,09%	9,79%	9,49%	9,19%	8,91%	8,63%	8,35%	8,08%	7,82%
	34,50	10,86%	10,54%	10,23%	9,92%	9,62%	9,32%	9,04%	8,76%	8,48%	8,21%	7,95%
	34,75	11,00%	10,67%	10,36%	10,05%	9,75%	9,45%	9,17%	8,88%	8,61%	8,34%	8,07%
	35,00	11,13%	10,81%	10,49%	10,18%	9,88%	9,58%	9,29%	9,01%	8,73%	8,46%	8,20%
	35,25	11,26%	10,94%	10,62%	10,31%	10,01%	9,71%	9,42%	9,14%	8,86%	8,59%	8,32%
	35,50	11,40%	11,07%	10,75%	10,44%	10,14%	9,84%	9,55%	9,26%	8,99%	8,71%	8,45%
	35,75	11,53%	11,20%	10,88%	10,57%	10,26%	9,97%	9,68%	9,39%	9,11%	8,84%	8,57%
	36,00	11,66%	11,33%	11,01%	10,70%	10,39%	10,09%	9,80%	9,52%	9,24%	8,96%	8,69%
	36,25	11,79%	11,46%	11,14%	10,83%	10,52%	10,22%	9,93%	9,64%	9,36%	9,09%	8,82%
	36,50	11,92%	11,59%	11,27%	10,95%	10,65%	10,35%	10,05%	9,76%	9,48%	9,21%	8,94%
	36,75	12,05%	11,72%	11,40%	11,08%	10,77%	10,47%	10,18%	9,89%	9,61%	9,33%	9,06%
	37,00	12,18%	11,85%	11,52%	11,21%	10,90%	10,60%	10,30%	10,01%	9,73%	9,45%	9,18%
	37,25	12,31%	11,97%	11,65%	11,33%	11,02%	10,72%	10,42%	10,13%	9,85%	9,57%	9,30%
	37,50	12,43%	12,10%	11,78%	11,46%	11,15%	10,84%	10,55%	10,26%	9,97%	9,69%	9,42%
	37,75	12,56%	12,23%	11,90%	11,58%	11,27%	10,97%	10,67%	10,38%	10,09%	9,81%	9,54%
	38,00	12,69%	12,35%	12,03%	11,71%	11,39%	11,09%	10,79%	10,50%	10,21%	9,93%	9,66%
	38,25	12,82%	12,48%	12,15%	11,83%	11,52%	11,21%	10,91%	10,62%	10,33%	10,05%	9,78%
	38,50	12,94%	12,60%	12,28%	11,95%	11,64%	11,33%	11,03%	10,74%	10,45%	10,17%	9,90%

A2E8 – Bonar 2028 (Ley NY)

Precio del	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
2.890,00	pesos	9,72%	6,72x	100,00	100,00%	2,12	102,12	78,61%	5,875%	11-ene-2019	2,94	11-ene-2028	100,00	11-ene-2028

Tipo de cambio simulado: 36,00

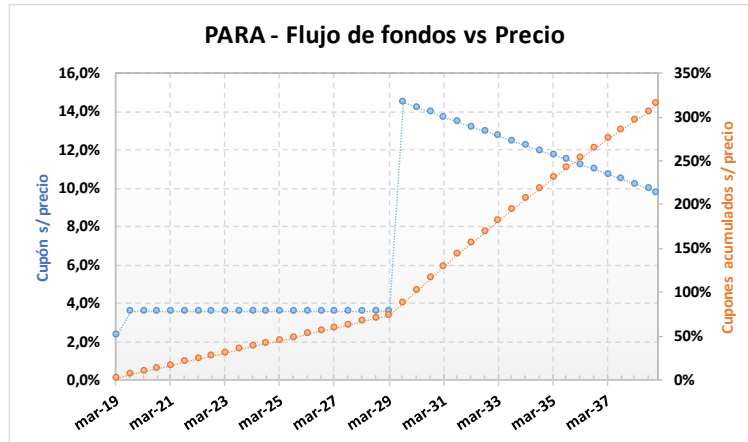


-A2E8- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.640	2.690	2.740	2.790	2.840	2.890,00	2.940	2.990	3.040	3.090	3.140
TIPO DE CAMBIO SIMULADO	33,50	10,02%	9,72%	9,42%	9,13%	8,84%	8,56%	8,29%	8,02%	7,76%	7,51%	7,26%
	33,75	10,15%	9,84%	9,54%	9,25%	8,96%	8,68%	8,41%	8,14%	7,88%	7,63%	7,38%
	34,00	10,27%	9,96%	9,66%	9,36%	9,08%	8,80%	8,52%	8,26%	8,00%	7,74%	7,49%
	34,25	10,39%	10,08%	9,78%	9,48%	9,20%	8,92%	8,64%	8,37%	8,11%	7,86%	7,61%
	34,50	10,51%	10,20%	9,90%	9,60%	9,31%	9,03%	8,76%	8,49%	8,23%	7,97%	7,72%
	34,75	10,63%	10,32%	10,02%	9,72%	9,43%	9,15%	8,87%	8,60%	8,34%	8,08%	7,83%
	35,00	10,75%	10,44%	10,13%	9,84%	9,55%	9,26%	8,99%	8,72%	8,45%	8,20%	7,94%
	35,25	10,87%	10,56%	10,25%	9,95%	9,66%	9,38%	9,10%	8,83%	8,57%	8,31%	8,06%
	35,50	10,99%	10,67%	10,37%	10,07%	9,78%	9,49%	9,22%	8,94%	8,68%	8,42%	8,17%
	35,75	11,11%	10,79%	10,48%	10,18%	9,89%	9,61%	9,33%	9,06%	8,79%	8,53%	8,28%
	36,00	11,22%	10,91%	10,60%	10,30%	10,01%	9,72%	9,44%	9,17%	8,90%	8,64%	8,39%
	36,25	11,34%	11,02%	10,72%	10,41%	10,12%	9,83%	9,55%	9,28%	9,01%	8,75%	8,50%
	36,50	11,46%	11,14%	10,83%	10,53%	10,23%	9,95%	9,67%	9,39%	9,12%	8,86%	8,61%
	36,75	11,57%	11,26%	10,94%	10,64%	10,35%	10,06%	9,78%	9,50%	9,23%	8,97%	8,72%
	37,00	11,69%	11,37%	11,06%	10,76%	10,46%	10,17%	9,89%	9,61%	9,34%	9,08%	8,82%
	37,25	11,80%	11,48%	11,17%	10,87%	10,57%	10,28%	10,00%	9,72%	9,45%	9,19%	8,93%
	37,50	11,92%	11,60%	11,29%	10,98%	10,68%	10,39%	10,11%	9,83%	9,56%	9,30%	9,04%
	37,75	12,03%	11,71%	11,40%	11,09%	10,79%	10,50%	10,22%	9,94%	9,67%	9,41%	9,15%
	38,00	12,15%	11,82%	11,51%	11,20%	10,90%	10,61%	10,33%	10,05%	9,78%	9,51%	9,25%
	38,25	12,26%	11,94%	11,62%	11,31%	11,01%	10,72%	10,44%	10,16%	9,89%	9,62%	9,36%
	38,50	12,37%	12,05%	11,73%	11,42%	11,12%	10,83%	10,54%	10,27%	9,99%	9,73%	9,46%

PARA – Bono Par en dólares (ley argentina)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
1.900,00	pesos	10,43%	10,06x	100,00	100,00%	0,35	100,35	52,59%	2,500%	31-mar-2019	1,25	30-sep-2029	5,00	31-dic-2038

Tipo de cambio simulado: 36,00

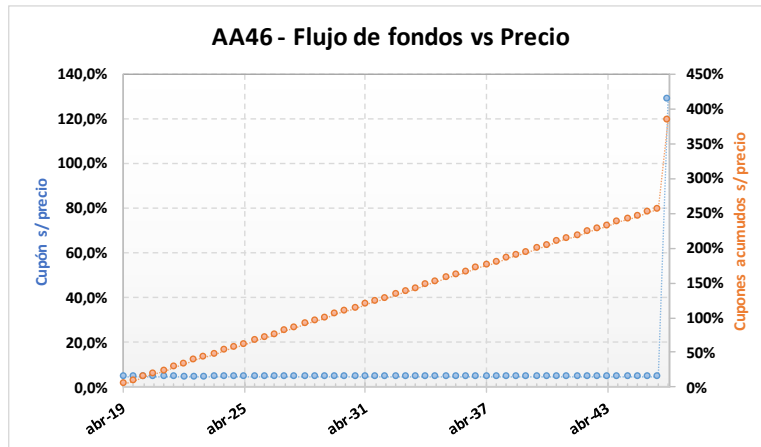


- PARA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.775	1.800	1.825	1.850	1.875	1.900,00	1.925	1.950	1.975	2.000	2.025
TIPO DE CAMBIO SIMULADO	33,50	10,38%	10,23%	10,08%	9,93%	9,79%	9,65%	9,51%	9,37%	9,24%	9,11%	8,98%
	33,75	10,46%	10,31%	10,16%	10,01%	9,87%	9,73%	9,59%	9,45%	9,32%	9,18%	9,05%
	34,00	10,55%	10,39%	10,24%	10,09%	9,95%	9,81%	9,67%	9,53%	9,39%	9,26%	9,13%
	34,25	10,63%	10,47%	10,32%	10,17%	10,03%	9,88%	9,74%	9,61%	9,47%	9,34%	9,21%
	34,50	10,71%	10,55%	10,40%	10,25%	10,11%	9,96%	9,82%	9,68%	9,55%	9,42%	9,28%
	34,75	10,79%	10,63%	10,48%	10,33%	10,18%	10,04%	9,90%	9,76%	9,63%	9,49%	9,36%
	35,00	10,87%	10,71%	10,56%	10,41%	10,26%	10,12%	9,98%	9,84%	9,70%	9,57%	9,44%
	35,25	10,95%	10,79%	10,64%	10,49%	10,34%	10,20%	10,05%	9,91%	9,78%	9,64%	9,51%
	35,50	11,03%	10,87%	10,72%	10,57%	10,42%	10,27%	10,13%	9,99%	9,85%	9,72%	9,59%
	35,75	11,11%	10,95%	10,79%	10,64%	10,50%	10,35%	10,21%	10,07%	9,93%	9,79%	9,66%
	36,00	11,18%	11,03%	10,87%	10,72%	10,57%	10,43%	10,28%	10,14%	10,00%	9,87%	9,74%
	36,25	11,26%	11,10%	10,95%	10,80%	10,65%	10,50%	10,36%	10,22%	10,08%	9,94%	9,81%
	36,50	11,34%	11,18%	11,03%	10,87%	10,72%	10,58%	10,43%	10,29%	10,15%	10,02%	9,88%
	36,75	11,42%	11,26%	11,10%	10,95%	10,80%	10,65%	10,51%	10,37%	10,23%	10,09%	9,96%
	37,00	11,50%	11,34%	11,18%	11,03%	10,88%	10,73%	10,58%	10,44%	10,30%	10,17%	10,03%
	37,25	11,57%	11,41%	11,26%	11,10%	10,95%	10,80%	10,66%	10,52%	10,38%	10,24%	10,10%
	37,50	11,65%	11,49%	11,33%	11,18%	11,03%	10,88%	10,73%	10,59%	10,45%	10,31%	10,18%
	37,75	11,73%	11,57%	11,41%	11,25%	11,10%	10,95%	10,81%	10,66%	10,52%	10,38%	10,25%
	38,00	11,80%	11,64%	11,48%	11,33%	11,18%	11,03%	10,88%	10,74%	10,60%	10,46%	10,32%
	38,25	11,88%	11,72%	11,56%	11,40%	11,25%	11,10%	10,95%	10,81%	10,67%	10,53%	10,39%
	38,50	11,96%	11,79%	11,63%	11,48%	11,32%	11,17%	11,03%	10,88%	10,74%	10,60%	10,46%

AA46 – Bono internacional de la Rep. Arg. en u\$s 7.625% - 2046

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
2.896,20	pesos	9,98%	10,25x	100,00	100,00%	0,61	100,61	79,96%	7,625%	22-abr-2019	3,81	22-abr-2046	100,00	22-abr-2046

Tipo de cambio simulado: 36,00



- AA46- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.650	2.700	2.750	2.800	2.850	2.896,20	2.950	3.000	3.050	3.100	3.150
TIPO DE CAMBIO SIMULADO	33,50	10,16%	9,96%	9,76%	9,57%	9,39%	9,23%	9,04%	8,87%	8,71%	8,55%	8,40%
	33,75	10,24%	10,04%	9,84%	9,65%	9,47%	9,30%	9,11%	8,95%	8,78%	8,62%	8,47%
	34,00	10,32%	10,12%	9,92%	9,73%	9,54%	9,38%	9,19%	9,02%	8,86%	8,70%	8,54%
	34,25	10,40%	10,20%	10,00%	9,81%	9,62%	9,45%	9,26%	9,09%	8,93%	8,77%	8,61%
	34,50	10,48%	10,28%	10,08%	9,88%	9,70%	9,53%	9,34%	9,17%	9,00%	8,84%	8,68%
	34,75	10,56%	10,36%	10,15%	9,96%	9,77%	9,60%	9,41%	9,24%	9,07%	8,91%	8,75%
	35,00	10,64%	10,43%	10,23%	10,04%	9,85%	9,68%	9,49%	9,31%	9,15%	8,98%	8,82%
	35,25	10,72%	10,51%	10,31%	10,11%	9,92%	9,75%	9,56%	9,39%	9,22%	9,05%	8,89%
	35,50	10,80%	10,59%	10,39%	10,19%	10,00%	9,83%	9,63%	9,46%	9,29%	9,12%	8,96%
	35,75	10,88%	10,67%	10,47%	10,27%	10,08%	9,90%	9,71%	9,53%	9,36%	9,20%	9,03%
	36,00	10,96%	10,75%	10,54%	10,34%	10,15%	9,98%	9,78%	9,60%	9,43%	9,27%	9,10%
	36,25	11,04%	10,83%	10,62%	10,42%	10,23%	10,05%	9,85%	9,68%	9,50%	9,34%	9,17%
	36,50	11,12%	10,91%	10,70%	10,50%	10,30%	10,13%	9,93%	9,75%	9,58%	9,41%	9,24%
	36,75	11,20%	10,99%	10,78%	10,57%	10,38%	10,20%	10,00%	9,82%	9,65%	9,48%	9,31%
	37,00	11,28%	11,07%	10,85%	10,65%	10,45%	10,27%	10,07%	9,89%	9,72%	9,55%	9,38%
	37,25	11,36%	11,14%	10,93%	10,73%	10,53%	10,35%	10,15%	9,97%	9,79%	9,62%	9,45%
	37,50	11,44%	11,22%	11,01%	10,80%	10,60%	10,42%	10,22%	10,04%	9,86%	9,69%	9,52%
	37,75	11,52%	11,30%	11,09%	10,88%	10,68%	10,50%	10,29%	10,11%	9,93%	9,76%	9,59%
	38,00	11,60%	11,38%	11,16%	10,95%	10,75%	10,57%	10,37%	10,18%	10,00%	9,83%	9,66%
	38,25	11,68%	11,46%	11,24%	11,03%	10,83%	10,64%	10,44%	10,25%	10,07%	9,90%	9,73%
	38,50	11,76%	11,53%	11,32%	11,10%	10,90%	10,72%	10,51%	10,32%	10,14%	9,97%	9,80%

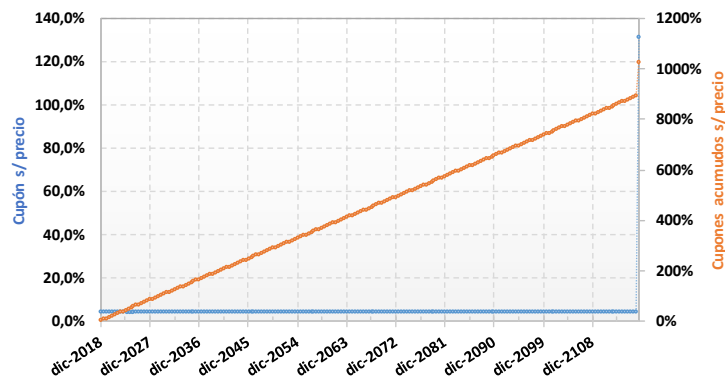


AC17 – Bonar 2117 (Ley NY)

Precio del	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
16-nov-18				Monto	%					Renta		Amortización		
2.825,00	pesos	9,63%	10,73x	100,00	100,00%	2,83	102,83	76,31%	7,125%	28-dic-2018	3,56	28-jun-2117	100,00	
28-jun-2117														

Tipo de cambio simulado: 36,00

AC17 - Flujo de fondos vs Precio



- AC17- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.775	2.785	2.795	2.805	2.815	2.825,00	2.835	2.845	2.855	2.865	2.875
TIPO DE CAMBIO SIMULADO	33,50	9,10%	9,06%	9,03%	8,99%	8,96%	8,93%	8,89%	8,86%	8,83%	8,80%	8,76%
	33,75	9,17%	9,13%	9,10%	9,07%	9,03%	9,00%	8,96%	8,93%	8,90%	8,87%	8,83%
	34,00	9,24%	9,21%	9,17%	9,14%	9,10%	9,07%	9,03%	9,00%	8,97%	8,93%	8,90%
	34,25	9,31%	9,28%	9,24%	9,21%	9,17%	9,14%	9,10%	9,07%	9,04%	9,00%	8,97%
	34,50	9,39%	9,35%	9,31%	9,28%	9,24%	9,21%	9,18%	9,14%	9,11%	9,07%	9,04%
	34,75	9,46%	9,42%	9,39%	9,35%	9,32%	9,28%	9,25%	9,21%	9,18%	9,14%	9,11%
	35,00	9,53%	9,49%	9,46%	9,42%	9,39%	9,35%	9,32%	9,28%	9,25%	9,21%	9,18%
	35,25	9,60%	9,57%	9,53%	9,49%	9,46%	9,42%	9,39%	9,35%	9,32%	9,28%	9,25%
	35,50	9,67%	9,64%	9,60%	9,56%	9,53%	9,49%	9,46%	9,42%	9,39%	9,35%	9,32%
	35,75	9,75%	9,71%	9,67%	9,64%	9,60%	9,56%	9,53%	9,49%	9,46%	9,42%	9,39%
	36,00	9,82%	9,78%	9,74%	9,71%	9,67%	9,63%	9,60%	9,56%	9,53%	9,49%	9,46%
	36,25	9,89%	9,85%	9,82%	9,78%	9,74%	9,71%	9,67%	9,63%	9,60%	9,56%	9,53%
	36,50	9,96%	9,93%	9,89%	9,85%	9,81%	9,78%	9,74%	9,70%	9,67%	9,63%	9,60%
	36,75	10,04%	10,00%	9,96%	9,92%	9,88%	9,85%	9,81%	9,77%	9,74%	9,70%	9,67%
	37,00	10,11%	10,07%	10,03%	9,99%	9,96%	9,92%	9,88%	9,84%	9,81%	9,77%	9,74%
	37,25	10,18%	10,14%	10,10%	10,07%	10,03%	9,99%	9,95%	9,92%	9,88%	9,84%	9,81%
	37,50	10,25%	10,22%	10,18%	10,14%	10,10%	10,06%	10,02%	9,99%	9,95%	9,91%	9,88%
	37,75	10,33%	10,29%	10,25%	10,21%	10,17%	10,13%	10,09%	10,06%	10,02%	9,98%	9,95%
	38,00	10,40%	10,36%	10,32%	10,28%	10,24%	10,20%	10,17%	10,13%	10,09%	10,05%	10,02%
	38,25	10,47%	10,43%	10,39%	10,35%	10,31%	10,28%	10,24%	10,20%	10,16%	10,12%	10,09%
	38,50	10,55%	10,51%	10,47%	10,43%	10,39%	10,35%	10,31%	10,27%	10,23%	10,19%	10,16%